

## 600 INCIDENTALS

### ITEM 623 - CONSTRUCTION LAYOUT STAKES

#### 623.01 Description

#### 623.02 General

#### 623.03 Basis of Payment

**623.01 Description.** This item shall consist of furnishing, placing and preserving construction layout stakes or other controls in accordance with the contract plans for the construction of various elements of the project. Field notes of all layout work shall be reproduced and submitted to the Engineer or his representative as the work progresses.

**623.02 General.** After award of the contract the Contractor will verify horizontal and vertical controls. The Contractor will locate and reference the centerline of the project, locating the P.C. and P.T. of horizontal curves and sufficient points on tangent to provide a line of sight. The location and elevation of bench marks are noted on the plans. The Contractor shall provide field forces and set all necessary stakes for this project, including but not limited to stakes for bridges, sewers and new curbs. Stakes for curbs shall be set at intervals not to exceed 50 feet (15.2 m) on tangents and not to exceed 25 feet (7.6 m) on curves and points of super elevation.

The Contractor shall be responsible for having the finished work conform to the lines, grades, elevations and dimensions called for in the plans. Any inspection or checking of the Contractor's layout by the Engineer and the acceptance of all or any part of it shall not relieve the Contractor of its responsibility to secure the proper dimensions, grades and elevations of the several parts of the work. The Contractor shall exercise care in the preservation of stakes and benchmarks, and shall have them reset at no expense to the City when they are damaged, lost, displaced, or removed. The Contractor shall use competent personnel and suitable equipment for the layout work required and shall provide that it be done under the supervision of a Registered Professional Engineer or a Registered Surveyor.

The Contractor's field forces, under the direction of a Registered Professional Engineer or a Registered Surveyor shall verify plan elevations for proper fit to existing conditions and for plan intended drainage where proposed items meet existing items. The Contractor shall notify the Engineer of any discrepancies.

**623.03 Basis of Payment.** Payment will be made on equal monthly payments based on the life of the project, not to exceed the lump sum bid price.

<b>Item</b>	<b>Unit</b>	<b>Description</b>
623	Lump Sum	Construction Layout Stakes